SEQUENCE LISTING

<160> NUMBER OF SEQ ID NOS: 2

<110> APPLICANT: Porunellor A. Mathews, Kent Boles
<120> TITLE OF INVENTION: Immuno activation of CS1 receptor in natural killer cells to inhibit tumor cell growth.

<130> FILE REFERENCE: 120746.00004, UNT-0004

<141> CURRENT FILING DATE: 2001-12-12

<150> PRIOR APPLICATION NUMBER

<151> PRIOR APPLICATION FILING DATE:

<210> SEQ ID NO 1

<211> LENGTH: 1083

<212> TYPE: DNA

<213> ORGANISM: HOMO SAPIENS

<400> SEQUENCE 1

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<210> Seq ID No 2

<110> APPLICANT: Porunellor A. Mathews, Kent Boles

<120> TITLE OF INVENTION: Immuno activation of CS1 receptor in natural killer cells to inhibit tumor cell growth.

<130> FILE REFERENCE: 120746.00004, UNT-0004

<141> CURRENT FILING DATE: 2001-12-12

<141> CURRENT FILING DATE: 2001-12-12

<150> PRIOR APPLICATION NUMBER

<151> PRIOR APPLICATION FILING DATE:

<211> LENGTH: 335

<212> TYPE: PRT

<213> ORGANISM: HOMO SAPIENS

<400> SEQUENCE 2

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Ser Lys Val Lys Gln Val Asp Ser Ile Val Trp Thr Phe Asn Thr 56

Thr Pro Leu Val Thr Ile Gln Pro Glu Gly Gly Thr Ile Ile Val 71

Thr Gln Asn Arg Asn Arg Glu Arg Val Asp Phe Pro Asp Gly Gly 86

Tyr Ser Leu Lys Leu Ser Lys Leu Lys Lys Asn Asp Ser Gly Ile 101

Tyr Tyr Val Gly Ile Tyr Ser Ser Ser Leu Gln Gln Pro Ser Thr 116

Gln Glu Tyr Val Leu His Val Tyr Glu His Leu Ser Lys Pro Lys 131

Val Thr Met Gly Leu Gln Ser Asn Lys Asn Gly Thr Cys Val Thr 146

Asn Leu Thr Cys Cys Met Glu His Gly Glu Glu Asp Val Ile Tyr 161

Thr Trp Lys Ala Leu Gly Gln Ala Ala Asn Glu Ser His Asn Gly 176

Ser Ile Leu Pro Ile Ser Trp Arg Trp Gly Glu Ser Asp Met Thr 191

Phe Ile Cys Val Ala Arg Asn Pro Val Ser Arg Asn Phe Ser Ser 206

Pro Ile Leu Ala Arg Lys Leu Cys Glu Gly Ala Ala Asp Asp Pro 221

Asp Ser Ser Met Val Leu Leu Cys Leu Leu Leu Val Pro Leu Leu 236

Leu Ser Leu Phe Val Leu Gly Leu Phe Leu Trp Phe Leu Lys Arg 251

Glu Arg Gln Glu Glu Tyr Ile Glu Glu Lys Lys Arg Val Asp Ile 266

Cys Arg Glu Thr Pro Asn Ile Cys Pro His Ser Gly Glu Asn Thr 281

Glu Tyr Asp Thr Ile Pro His Thr Asn Arg Thr Ile Leu Lys Glu 296

Asp Pro Ala Asn Thr Val Tyr Ser Thr Val Glu Ile Pro Lys Lys 311

Met Glu Asn Pro His Ser Leu Leu Thr Met Pro Asp Thr Pro Arg 326

Leu Phe Ala Tyr Glu Asn Val Ile